

TABLE 1:
DRAFT - SHALLOW SOIL SAMPLE ANALYTICAL TABLE
APPLE BLOSSOMS DAYCARE
TOWN OF MERRIMACK, HILLSBOROUGH COUNTY

PARAMETER	Client Sample ID Lab Sample ID Units	E. SW Roof Drain (0" - 6")		E. SW Roof Drain (6" - 12")		E. SW Roof Drain (12" - 18")		E. SW Roof Drain (18" - 24")		D. Front Yard (0" - 6")		D. Front Yard (6" - 12")		C. Infant Grass Area (0" - 6")		NHDES Direct Exposure Criteria Value
		Dry Result	Dry MDL	Dry Result	Dry MDL	Dry Result	Dry MDL	Dry Result	Dry MDL	Dry Result	Dry MDL	Dry Result	Dry MDL	Dry Result	Dry MDL	ng/g
Perfluoro-octanesulfonate		2.3	0.79	1.8	0.77	0.76 U	0.76	0.74 U	0.74	1.8 J	0.82	0.78 U	0.78	2.2	0.84	NA
Perfluorobutanesulfonate		0.56 U	0.56	0.55 U	0.55	0.54 U	0.54	0.53 U	0.53	0.58 U	0.58	0.56 U	0.56	0.60 U	0.60	NA
Perfluorodecanoic acid		0.98	0.22	0.22 U	0.22	0.22 U	0.22	0.21 U	0.21	0.69	0.23	0.22 U	0.22	0.62	0.24	NA
Perfluorododecanoic acid		0.45 U	0.45	0.44 U	0.44	0.43 U	0.43	0.43 U	0.43	0.47 U	0.47	0.45 U	0.45	0.48 U	0.48	NA
Perfluoroheptanoic acid		0.34 U	0.34	0.33 U	0.33	0.33 U	0.33	0.32 U	0.32	0.35 U	0.35	0.34 U	0.34	0.36 U	0.36	NA
Perfluorohexanesulfonate		0.56 U	0.56	0.55 U	0.55	0.54 U	0.54	0.53 U	0.53	0.58 U	0.58	0.56 U	0.56	0.60 U	0.60	NA
Perfluorohexanoic acid		0.22 U	0.22	0.94	0.22	0.22 U	0.22	0.21 U	0.21	0.23 U	0.23	0.22 U	0.22	0.24 U	0.24	NA
Perflurononanoic acid		0.51	0.22	0.43 J	0.22	0.36 J	0.22	0.21 U	0.21	0.39 J	0.23	0.31 J	0.22	0.39 J	0.24	NA
Perfluoroctanoic acid		1.5	0.34	1.6	0.33	1.5	0.33	1.1	0.32	0.49 J	0.35	0.58 J	0.34	0.64 J	0.36	500
Perfluorotetradecanoic acid		0.34 U	0.34	0.33 U	0.33	0.33 U	0.33	0.32 U	0.32	0.35 U	0.35	0.34 U	0.34	0.36 U	0.36	NA
Perfluorotridecanoic acid		0.67 U	0.67	0.66 U	0.66	0.65 U	0.65	0.64 U	0.64	0.70 U	0.70	0.67 U	0.67	0.72 U	0.72	NA
Perfluoroundecanoic acid		0.52 J	0.34	0.33 U	0.33	0.33 U	0.33	0.32 U	0.32	0.35 U	0.35	0.34 U	0.34	0.36 U	0.36	NA
Moisture (%)		10.9	0.50	9.4	0.50	7.8	0.50	6.0	0.50	14.4	0.50	10.8	0.50	16.4	0.50	NA

PARAMETER	Client Sample ID Lab Sample ID Units	C. Infant Grass Area (6" - 12")		B. General Playground (0" - 6")		B. General Playground (6" - 12")		B. General Playground (12" - 18")		B. General Playground (18" - 24")		A. Toddler Playground (0" - 6")		A. Toddler Playground (6" - 12")		NHDES Direct Exposure Criteria Value
		Dry Result	Dry MDL	Dry Result	Dry MDL	Dry Result	Dry MDL	Dry Result	Dry MDL	Dry Result	Dry MDL	Dry Result	Dry MDL	Dry Result	Dry MDL	ng/g
Perfluoro-octanesulfonate		1.1 J	0.81	0.73 U	0.73	4.0	0.81	0.81 U	0.81	0.78 U	0.78	1.2 J	0.81	0.85 U	0.85	NA
Perfluorobutanesulfonate		0.58 U	0.58	0.52 U	0.52	0.58 U	0.58	0.58 U	0.58	0.55 U	0.55	0.58 U	0.58	0.61 U	0.61	NA
Perfluorodecanoic acid		0.23 U	0.23	0.85	0.21	1.1	0.23	0.23 U	0.23	0.22 U	0.22	0.72	0.23	0.24 U	0.24	NA
Perfluorododecanoic acid		0.46 U	0.46	0.42 U	0.42	0.47 U	0.47	0.46 U	0.46	0.44 U	0.44	0.46 U	0.46	0.49 U	0.49	NA
Perfluoroheptanoic acid		0.35 U	0.35	0.31 U	0.31	0.35 U	0.35	0.42 J	0.35	0.41 J	0.33	0.35 U	0.35	0.36 U	0.36	NA
Perfluorohexanesulfonate		0.58 U	0.58	0.52 U	0.52	0.58 U	0.58	0.58 U	0.58	0.55 U	0.55	0.58 U	0.58	0.61 U	0.61	NA
Perfluorohexanoic acid		0.23 U	0.23	0.21 U	0.21	0.23 U	0.23	0.27 J	0.23	0.37 J	0.22	0.23 U	0.23	0.24 U	0.24	NA
Perflurononanoic acid		0.37 J	0.23	0.21 U	0.21	0.84	0.23	0.68	0.23	0.22 U	0.22	0.55	0.23	0.58	0.24	NA
Perfluoroctanoic acid		0.95	0.35	0.31 U	0.31	1.1	0.35	2.2	0.35	3.8	0.33	0.46 J	0.35	2.0	0.36	500
Perfluorotetradecanoic acid		0.35 U	0.35	0.31 U	0.31	0.35 U	0.35	0.35 U	0.35	0.33 U	0.33	0.35 U	0.35	0.36 U	0.36	NA
Perfluorotridecanoic acid		0.70 U	0.70	0.63 U	0.63	0.70 U	0.70	0.70 U	0.70	0.67 U	0.67	0.69 U	0.69	0.73 U	0.73	NA
Perfluoroundecanoic acid		0.35 U	0.35	0.56 J	0.31	0.35 U	0.35	0.35 U	0.35	0.33 U	0.33	0.35 U	0.35	0.36 U	0.36	NA
Moisture (%)		13.8	0.50	4.7	0.50	14.0	0.50	13.7	0.50	9.9	0.50	13.4	0.50	17.8	0.50	NA

Qualifiers and Notes:

Concentrations denoted in ng/g or parts per billion (ppb)

U denotes analyte was not detected at the value indicated

J denotes an estimated value greater than or equal to the Method Detection Limit (MDL) and less than the Limit of Quantitation (LOQ or Reporting Limit)

NA denotes not applicable